

# Teach Computing & Online Safety Curriculum

## Coverage - Overview

Computing units are based around 4 main themes: computing systems and networks, programming, data and information & creating media.

Units can be taught in any order but programming units should be taught in order and in different terms - they have been numbered

Online Safety units are based around 8 main themes: managing information online, online relationships, online bullying, online reputation, health well-being & lifestyle, copywrite & ownership, privacy & security and self-image & identity.

| LOWER SCHOOL  |   |                 |  |   |
|---------------|---|-----------------|--|---|
| TERM          |   |                 | YEAR A   | YEAR B  |
| <b>AUTUMN</b> | 1 | Teach Computing | Y3 <a href="#">Connecting computers</a>  | Y4 <a href="#">The Internet</a>   |
|               |   | Project Evolve  | <a href="#">Online Reputation</a><br><a href="#">Health Well-being &amp; Lifestyle</a> | <a href="#">Managing Information Online</a>   |
|               | 2 | Teach Computing | Y3 <a href="#">Sequencing sounds (1)</a>   | Y3 <a href="#">Branching databases</a>  |
|               |   | Project Evolve  | <a href="#">Self-image &amp; Identity</a>  | <a href="#">Online Relationships</a>  |
| <b>SPRING</b> | 1 | Teach Computing | Y3 <a href="#">Events and actions in programs (2)</a>                                  | Y3 <a href="#">Desktop publishing</a>   |
|               |   | Project Evolve  | <a href="#">Online Bullying</a>  | <a href="#">Copywrite &amp; Ownership</a>   |
|               | 2 | Teach Computing | Y4 <a href="#">Audio production</a>  | Y4 <a href="#">Repetition in shapes (3)</a>   |
|               |   | Project Evolve  | <a href="#">Copywrite &amp; Ownership</a><br><a href="#">Online Bullying</a>           | <a href="#">Online Reputation</a>   |
| <b>SUMMER</b> | 1 | Teach Computing | Y4 <a href="#">Data logging</a>  | Y3 <a href="#">Stop-frame animation *</a>   |
|               |   | Project Evolve  | <a href="#">Privacy &amp; Security</a>   | <a href="#">Managing Online Information</a><br><a href="#">Privacy &amp; Security</a>     |
|               | 2 | Teach Computing | Y4 <a href="#">Photo editing</a>   | Y4 <a href="#">Repetition in games (4)</a>  |
|               |   | Project Evolve  | <a href="#">Self-image &amp; Identity</a>  | <a href="#">Health Well-being &amp; Lifestyle</a><br><a href="#">Online Relationships</a> |

\* requires the use of tablets so moved to Year B when we should have some

| UPPER SCHOOL |   |                 |  |  |
|--------------|---|-----------------|--|--|
| TERM         |   |                 | YEAR A   | YEAR B   |
| AUTUMN       | 1 | Teach Computing | Y5 <a href="#">Systems and Searching</a>   | Y5 <a href="#">Video production</a>  |
|              |   | Project Evolve  | <a href="#">Copywrite &amp; Ownership</a><br><a href="#">Online Relationships</a>      | <a href="#">Managing Online Information</a><br><a href="#">Self-image &amp; Identity</a>       |
|              | 2 | Teach Computing | Y5 <a href="#">Selection in physical computing (5)</a>                                 | Y5 <a href="#">Flat-file databases</a>   |
|              |   | Project Evolve  | <a href="#">Managing Online Information</a>  | <a href="#">Online Bullying</a>  |
| SPRING       | 1 | Teach Computing | Y5 <a href="#">Selection in quizzes (6)</a>  | Y6 <a href="#">Variables in games (7)</a>  |
|              |   | Project Evolve  | <a href="#">Online Reputation</a><br><a href="#">Health Well-being &amp; Lifestyle</a> | <a href="#">Health Well-being &amp; Lifestyle</a><br><a href="#">Online Reputation</a>         |
|              | 2 | Teach Computing | Y6 <a href="#">Webpage creation</a>  | Y5 <a href="#">Introduction to vector graphics</a>   |
|              |   | Project Evolve  | <a href="#">Managing Online Information</a><br><a href="#">Online Bullying</a>         | <a href="#">Copywrite &amp; Ownership</a><br><a href="#">Health Well-being &amp; Lifestyle</a> |
| SUMMER       | 1 | Teach Computing | Y6 <a href="#">3D modelling</a>  | Y6 <a href="#">Introduction to spreadsheets</a>  |
|              |   | Project Evolve  | <a href="#">Privacy &amp; Security</a>   | <a href="#">Managing Online Information</a><br><a href="#">Self-image &amp; identity</a>       |
|              | 2 | Teach Computing | Y6 <a href="#">Communication and collaboration</a>                                     | Y6 <a href="#">Sensing movement (8)</a>  |
|              |   | Project Evolve  | <a href="#">Managing Online Information</a><br><a href="#">Online Bullying</a>         | <a href="#">Online Relationships</a>   |